

**Physiological Genomics Group**  
The American Physiological Society  
Newsletter – October 2007

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**Experimental Biology 08**

EB08 will be held on April 5-9 in San Diego, California. The PG Group sponsors three symposia and one Featured Topic session. **Please attend these exciting sessions** to hear about the latest in physiological genomics and meet your colleagues. Some of the times and speakers listed below are tentative. Please check the final program.

**PG-sponsored symposia**

**MicroRNA: Functional Significance in Mammalian Species**

Time: Sunday, April 6, 2008, 3:15-5:15 PM

Chair: Mingyu Liang

1. Role of microRNAs in cardiac development and disease. *Deepak Srivastava*, UCSF
2. TGF-beta and microRNAs in the pathogenesis of diabetic kidney disease. *Rama Natarajan*, Beckman Res. Inst. of City of Hope
3. microRNA function during cardiac disease. *Eva van Rooij*, Univ. of Texas Southwestern Med. Ctr
4. Using proteomic approaches to study microRNA in renal physiology and disease. *Mingyu Liang*, Med. Col. of Wisconsin

**Genomic and Proteomics in Colon Cancer** (co-sponsored by the GI Section)

Time: Monday, April 7, 2008, 10:30 AM-12:30 PM

Chair: John Carethers

1. Proteomic profiling of colon cancers after COX2 therapy. *Ighal U. Ali*, National Cancer Institute
2. Proteomics of myofibroblasts in colon cancer. *Mark B. Evers*, University of Texas Medical Branch
3. Proteomic profiling of serum in colon cancer. *Kenneth E. Hung*, Massachusetts General Hospital
4. Colon cancer stem cells. *Melissa Wong*, Oregon Health & Sciences University

**Computational Physiology**

Time: Tuesday, April 8, 2008, 8:00-10:00 AM

Co-Chairs: Peter J. Hunter and Poul Nielsen

1. *Nic Smith*, University of Oxford
2. *Andrew McCulloch*, University of California, San Diego
3. *Dan Beard*, Medical College Wisconsin
4. *Alexsander Popel*, Johns Hopkins University

## PG-sponsored Featured Topic

### Metabolic Syndrome: Molecular Mechanisms, Omics, and Physiology

Time: Monday, April 7, 2008, 8:00-10:00 AM

Chair: Jules Griffin

Metabolomics of Metabolic Syndrome. *Jules Griffin*, University of Cambridge

***The remainder of the Featured Topic session will be oral presentations of abstracts. Please consider choosing this session when you submit your abstracts.***

## Call for proposals for future EB meetings

EB09 will be held on April 18-22, 2009, in New Orleans, LA. **Please submit the proposal** to Mingyu Liang at [mliang@mcw.edu](mailto:mliang@mcw.edu) as soon as you can if you would like to organize a PG-sponsored symposium or featured topic session. We have been able to approve a majority of the proposals in the past. Forms and instructions are available at <http://www.the-aps.org/meetings/eb.htm>. Please contact Mingyu Liang if you have any questions.

## The journal *Physiological Genomics*

*Physiological Genomics* has rapidly grown to become a premier journal in the fields of functional genomics and systems biology since the American Physiological Society started publishing the journal in 1999. The current Editor-in-Chief is Dr. Allen W. Cowley, Jr.

*Physiological Genomics* publishes the results of a wide variety of experimental and computational studies from human and model systems to link genes and pathways to physiological functions. The journal encourages the submission of research utilizing genomics, epigenomics, proteomics, metabolomics, and other systems approaches together with novel technologies linking genes to the function of complex biological pathways.

*Physiological Genomics* has recently implemented a rapid turn-around review process. The average time from submission to first decision was just over two weeks in a pilot study of the rapid review process. In addition, *Physiological Genomics* offers a choice to make your paper open-access, free color figures for APS members, and many other attractive features. Please visit <http://physiolgenomics.physiology.org/> and **consider submitting your next manuscript to Physiological Genomics**. Please contact [pgeditor@mcw.edu](mailto:pgeditor@mcw.edu) if you have any questions.